Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (currently amended):   A method of assigning time slots ~~in a spread spectrum time division duplex (TDD) communication system~~, the method comprising:

~~(a)~~ assigning a first time slot to a ~~first~~ particular wireless transmit/receive unit (WTRU) ~~communication station~~;

~~(b) a second communication station~~ determining a slot assignment rank for the ~~first communication station~~ particular WTRU by comparing a first combined score generated based on a sum of weighted signal interference, code usage and channel spread values associated with the particular WTRU ~~first communication station~~ to other combined scores associated with other respective WTRUs ~~communication stations~~; and

~~(c) the second communication station~~ assigning a second time slot to the ~~first communication station~~ particular WTRU based on the slot assignment rank.

Claims 2-14 (canceled)

15.   (currently amended):   A base ~~In a spread spectrum time division duplex (TDD) communication system, a base~~ station ~~(BS)~~ for assigning time slots, the base station comprising:

~~(a)~~ a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a ~~first communication station~~

- 2 -

particular wireless transmit/receive unit (WTRU) currently assigned to a first time slot;

(b) a summer configured to add the weighted values to generate a first combined score associated with the particular WTRU ~~first communication station~~;

(e) a slot ranking device configured to determine a slot assignment rank for the particular WTRU ~~first communication station~~ by a comparing the first combined score to other combined scores associated with other respective WTRUs ~~communication stations~~; and

(d) a slot prioritizer for assigning a second time slot to the particular WTRU ~~first communication station~~ based on the slot assignment rank.

Claims 16 and 17 (canceled)

18. (currently amended): A wireless ~~In a spread spectrum time division duplex (TDD) communication system, a wireless~~ transmit/receive unit (WTRU) for assigning time slots, the WTRU comprising:

(a) a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;

(b) a summer configured to add the weighted values to generate a first combined score associated with the first communication station;

(e) a slot ranking device configured to determine a slot assignment rank for the first communication station by a comparing the first combined score to other combined scores associated with other respective communication stations; and

(d) a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

· 3 ·

Claims 19 and 20 (canceled)

21.   (currently amended):   An integrated circuit (IC) for assigning time slots ~~in a spread spectrum time division duplex (TDD) communication system~~, the IC comprising:

~~(a)~~ a plurality of multipliers configured to weight signal interference, code usage and channel spread values associated with a first communication station currently assigned to a first time slot;

~~(b)~~ a summer configured to add the weighted values to generate a first combined score associated with the first communication station;

~~(c)~~ a slot ranking device configured to determine a slot assignment rank for the first communication station by a comparing the first combined score to other combined scores associated with other respective communication stations; and

~~(d)~~ a slot prioritizer for assigning a second time slot to the first communication station based on the slot assignment rank.

Claims 22 and 23 (canceled)